



Attorney Docket No. 9138-0018US

PATENT
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
Hoppensteadt et al.)
) **Group Art Unit: 2121**
Serial No.: 09/831,812)
) **Examiner: Holmes, Michael B.**
Filed: July 30, 2001)
)
For: Oscillatory Neurocomputers with Dynamic Connectivity

INFORMATION DISCLOSURE STATEMENT

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Commissioner for Patents
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In the judgment of the undersigned, portions of the listed references may be material to the Examiner's consideration of the presently pending claims. However, the references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative relevance between references, whether cited in this or prior statements. This statement is not a representation that the listed references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. Section 102 or Section 103.

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- ☐ within three months of the filing date of a national application; within three months of the date of entry into the national stage as set forth in 37 C.F.R. § 1.491 in an international application; or before the mailing date of a first Office Action on the merits. 37 C.F.R. §1.97 (b)

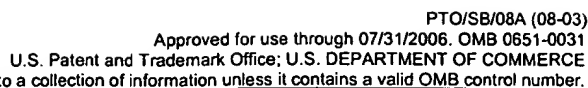
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Complete if Known

Application Number	09/831,812
Filing Date	July 30, 2001
First Named Inventor	Hoppensteadt et al.
Art Unit	2121
Examiner Name	Holmes, Michael B.
Attorney Docket Number	9138-0018US

[illegible][illegible]Date
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PTO/SB/08B (08-03)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
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		Art Unit	2121		
		Examiner Name	Holmes, Michael B.		
Sheet	2	of	2	Attorney Docket Number	9138-0018US

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	8	Hopfield, J. J., "Neural networks and physical systems with emergent collective computational abilities" Proc. Natl. Acad. Sci. USA, Vol.79, pp. 2554-2558, April 1982.	
	9	Hoppensteadt, F. C., Izhikevich, E. M., "Oscillatory Neurocomputers with Dynamic Connectivity" Physical Review Letters, Vol. 81, No. 14, April 5, 1999.	
	10	Linares-Barranco, B. et al., "CMOS Analog Neural Network Systems Based On Oscillatory Neurons" 1992 IEEE Intl. Symposium, Vol. 1 of 6, pp. 2236-2238.	
	11	Kurokawa, H. et al., "A Local Connected Neural Oscillator Network for Sequential Character Segmentation" 1997 IEEE Intl. Conf. on Neural Networks, pp. 838-843, June 9-12.	
	12	Buhmann, J. et al., "Sensory Segmentation by Neural Oscillators" IJCNN, Vol. 1, pp. 11603-607, July 8-12, 1991.	
	13	Endo, S. et al., "Neural Network with Interacting Oscillators to Generate Low Frequency Rhythm" IEEE Intl. Conf., Vol. 12, pp. 1445-1446, Nov. 1-4, 1990.	
	14	Lange, T. E. et al., "Phase-Locking of Artificial Neural Oscillators Can Perform Dynamic Role-Binding and Inferencing" IJCNN, Vol. 1, p. 11595, June 18-22, 1989.	
	15	Wang, DeLiang "An Oscillation Model of Auditory Stream Segregation" IAPR, Vol. III, pp.198-200, October 9-13, 1994.	
	16	Liu, Wei-Ping et al. "Phase-Locked Loop with Neurocontroller" SICE, pp. 1133-1138. July 20-31, 1998.	
	17	Grossberg, S. "Nonlinear Neural Networks: Principles, Mechanisms, and Architectures" Neural Networks, Vol. 1, No. 1, pp. 17-61, 1988.	

Examiner Signature		Date Considered	
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